

H.R. 2486
AS AMENDED BY THE SUBCOMMITTEE ON
ENVIRONMENT, TECHNOLOGY, AND STANDARDS
ON DECEMBER 12, 2001

Strike all after the enacting clause and insert the following:

1 SECTION 1. SHORT TITLE.

2 This Act may be cited as the “Inland Flood Fore-
3 casting and Warning System Act of 2001”.

4 SEC. 2. AUTHORIZED ACTIVITIES.

5 The National Oceanic and Atmospheric Administra-
6 tion, through the United States Weather Research Pro-
7 gram, shall—

8 (1) improve the capability to accurately forecast
9 inland flooding (including inland flooding influenced
10 by coastal and ocean storms) through research and
11 modeling;

12 (2) develop, test, and deploy a new flood warn-
13 ing index that will give the public and emergency
14 management officials fuller, clearer, and more accu-
15 rate information about the risks and dangers posed
16 by expected floods;

17 (3) train emergency management officials, Na-
18 tional Weather Service personnel, meteorologists,

1 and others as appropriate regarding improved fore-
2 casting techniques for inland flooding, risk manage-
3 ment techniques, and use of the inland flood warn-
4 ing index developed under paragraph (2); and

5 (4) conduct outreach and education activities
6 for local meteorologists and the public regarding the
7 dangers and risks associated with inland flooding
8 and the use and understanding of the inland flood
9 warning index developed under paragraph (2).

10 **SEC. 3. AUTHORIZATION OF APPROPRIATIONS.**

11 There are authorized to be appropriated to the Na-
12 tional Oceanic and Atmospheric Administration for car-
13 rying out this Act \$1,150,000 for each of the fiscal years
14 2003 through 2007. Of the amounts authorized under this
15 section, \$250,000 for each fiscal year shall be available
16 for competitive merit-reviewed grants to institutions of
17 higher education (as defined in section 101 of the Higher
18 Education Act of 1965 (20 U.S.C. 1001)) to develop mod-
19 els that can improve the ability to forecast the coastal and
20 estuary-inland flooding that is influenced by tropical cy-
21 clones. The models should incorporate the interaction of
22 such factors as storm surges, soil saturation, and other
23 relevant phenomena.

1 **SEC. 4. REPORT.**

2 Not later than 90 days after the date of the enact-
3 ment of this Act, and annually thereafter through fiscal
4 year 2007, the National Oceanic and Atmospheric Admin-
5 istration shall transmit to the Committee on Science of
6 the House of Representatives and the Committee on Com-
7 merce, Science, and Transportation of the Senate a report
8 on its activities under this Act and the success and accept-
9 ance of the inland flood warning index developed under
10 section 2(2) by the public and emergency management
11 professionals.

Amend the title so as to read: “A bill to authorize the National Oceanic and Atmospheric Administration, through the United States Weather Research Program, to conduct research and development, training, and outreach activities relating to inland flood forecasting improvement, and for other purposes.”.